INDEX TO AUTHORS
1988

van den Aardweg, G. J. M. J. *See* Hopewell, J. W.
Ackery, D. *See* Rawlinson, J.
Adam, E. J. *See* Tilley, E. A.
Adams, J. E. *See* Clarke, J. A.
Adkisson, G. H. *See* Macleod, M. A.
Alderson, M. *See* Dean, G.
Aldridge, M. J. *See* Carter, S. R.
Aldridge, S., Frazer, J., Tawn, J. and Wilde, P., 463
Alexanian, R. *See* Lorigan, J. G.
Ali, M. *See* Kersh, C. R.
Allison, D. J. *See* Dawson, P.
Allison, D. J. *See* Hartnell, G. G.
Alloussi, Sch. *See* Neisius, D.
Amin, A. E. *See* Wheldon, T. E.
Anderson, D. C., O'Driscoll, J. B., Buckler, H. M., Cantrill, J. and Brown, J. D. K., 996
Anderson, P. *See* Chandler, S. T.
Andrew, E. *See* Hald, J. K.
Antoun, N. M. *See* Stack, J. P.
Aoun, N. J. *See* Ghossain, M. A.
Ash, M. *See* Kerlin, P.
Atallah, N. G. *See* Ghossain, M. A.
Atkinson, P. *See* Bester, L.
Attix, F. H. *See* Sibata, C. H.
Avni, E. F. *See* Zalcman, M.
Awschalom, M. *See* Blake, S. W.

Baddeley, H. *See* Singcharoen, T.
Balasse, H. *See* Zalcman, M.
Balm, A. J. M. *See* Hunink, M. G. M.
Barber, R. W. and Stone, D. L., 425
Bardach, G. *See* Grabenwoeger, F.
Barkai, M. *See* Prober, A.
Barnes, D. W. H. *See* Hopewell, J. W.
Barnes, M. R. *See* Talbot, A. R.
Barnett, C. A. *See* McCabe, R. E.
Bates, T. D., 625
Batty, V. B., *See* McHugh, K.
Baum, M., 1089
Bell, D., Millar, A. M., Grayshan, R. and Muir, A. L., 646
Belli, A. and Cawthorne, S., 368
Belli, A.-M., Elliott, C. and Heron, C. W., 171
Belli, A.-M., Ingram, C. E., Heron, C. W. and Husband, J. E., 125
Belli, A.-M. and Joseph, A. E. A., 806
Beningfield, S. J., Bonnici, F. and Cremin, B. J., 1177
Benjamin, I. S. *See* Yeung, E. Y. C.
Bennett, M. H. *See* Wilson, G. D.
Berenbaum, M. C., 975
Berner, B. *See* Maruyama, Y.
Berner, B. *See* Yaes, R. J.
Besson, J. A. O. *See* Smith, F. W.
Best, J. *See* Chalmers, N.
Bester, L., Vellet, D., Chetty, N., Atkinson, P. and Scher, A., 282
Bewley, D. K. *See* Bonnett, D. E.
Bewley, D. K. *See* Hornsey, S.
Bieri, A. *See* Floersheim, G. L.
Biersack, H. J., 651
Birch, P. D. and Davies, A. M., 76
Birch, P. D. *See* Li, J. K. W.
Birch-Iensen, M. *See* Borgström, P. S.
Bisset, R., 977
Bisson, P. G. *See* Bowring, C. S.
Blake, S. W., Bonnett, D. E., Shaw, J. E., Eenmaa, J., Otte, V., Awschalom, M., Tatcher, M. and Vynckier, S., 921
Blake, S. W. *See* Bonnett, D. E.
Blake, S. W. *See* Hornsey, S.
Blake, S. W. *See* Shaw, J. E.
Blakeborough, A. *See* Henson, J. H. L.
Blekkenhorst, G. *See* Hering, E. R.
Bliss, J. M. *See* Hansell, D. M.
Bogren, H. G., Underwood, S. R., Firmin, D. N., Mohiaddin, R. H., Klipstein, R. H., Rees, R. S. O. and Longmore, D. B., 456
Bonnett, D. E., Blake, S. W., Shaw, J. E. and Bewley, D. K., 38
Bonnett, D. E. *See* Blake, S. W.
Bonnett, D. E. *See* Hornsey, S.
Bonnett, D. E. *See* Shaw, J. E.
Bonnici, F. *See* Beningfield, S. J.
Borgström, P. S., Birch-Iensen, M. and Ekberg, O., 909
Borgström, P. S., Olsson, R., Sundkvist, G. and Ekberg, O., 817
Borgström, P. S. *See* Ekberg, O.
Boustany, F. N. *See* Ghossain, M. A.
Bowring, C. S., Bisson, P. G., Tobin, A. N. and Vennart, W., 426
Bowsley, S. *See* Norwood, H. M.
Boxer, D. I., 267
Boxer, D. I. *See* Davies, R. A.
Boyd, N. F. *See* Kaizer, L.
Boyle, F. C. *See* Indran, M.
Bradshaw, A. *See* Dawson, P.
Braedel, H. U. *See* Neisius, D.
Bretland, P. M., 54, 653
Britton, P. D. *See* Reed, D. H.
Brown, J. D. K. *See* Anderson, D. C.
Brown, M. W. *See* McCreath, G. T.
Buckler, H. M. *See* Anderson, D. C.
Buckley Sharp, M. *See* Kennedy, C.
Bullimore, J. A. *See* Tomlinson, M. J.
Burnand, K. G. *See* Lea Thomas, M.
Butler, P. *See* Foster, C. J.
Bydder, G. M., 889

Calder, J. F., 1089
Calvo, W., Hopewell, J. W., Reinhold, H. S. and Yeung, T. K., 1043
Camplejohn, R. S. *See* Penhaligon, M.
Cantrill, J. *See* Anderson, D. C.
Carmichael, J. H. E., 175
Carr, K. E. *See* Indran, M.
Carter, S. R., Aldridge, M. J., Fitzgerald, R. and Davies, A. M., 109
Carty, H. M. L. *See* Kenny, J. B.
Casselden, P., 202
Cawley, M. G. *See* Howseman, A. M.
Cawthorne, S. *See* Belli, A.
Chaitchik, S. *See* Inbar, M.
Chalmers, N. and Best, J., 861
Chamberlain, J. *See* Parnell, A. P.
Chan, A. P. S. *See* Olive, P. L.
Chan, M. S. Y. *See* Price, J.
Chan, O. *See* Lea Thomas. M.
Chandler, S. T. and Anderson, P., 425
Chapman, B. *See* Howseman, A. M.
Chapman, S., 162
Chatterton, B. E. *See* Collins, P. J.
Cherryman, G. R. *See* Heron, C. W.
Cherryman, G. R. *See* Williams, M. P.

INDEX TO VOLUME 61

Chetty, N. *See* Bester, L.
Chiodetti, N. *See* Floersheim, G. L.
Clarke, J. A. and Adams, J. E., 1100
Clarke, J. C., 953
Cobby, M. J. D., Leslie, I. J. and Watt, I., 673
Cochlin, D. Ll. *See* Griffith, T. M.
Cole, A. J. L., Webb, L. and Cole, T. J., 683
Cole, T. J. *See* Cole, A. J. L.
Collins, P. J., Horowitz, M. and Chatterton, B. E., 12
Colquhoun, I. R., Saywell, W. R. and Dewbury, K. C., 297
Compston, J. E., Evans, W. D., Crawley, E. O. and Evans, C., 631
Conard, F., Sealy, F., Hill, J. and van Dyk, B., 79
Condon, B. *See* McCreath, G. T.
Constable, W. C. *See* Kersh, C. R.
Constantine, G. *See* Perks, C. A.
Contento, G., Malisan, M. R., Padovani, R., Maccia, C., Wall, B. F. and Shrimpton, P. C., 143
Cooke, J. C. *See* Hansell, D. M.
Cooke, S. G. and Goddard, P. R., 424
Coral, A. *See* Walters, N. A.
Corrall, R. J. M. *See* Tawn, D. J.
Cosgrove, D. O. *See* Leonor de Gonzalez, E.
Coupland, R. E. *See* Howseman, A. M.
Courtenay, V. D. *See* Penhaligon, M.
Coutinho, C., McGeorge, A., Macpherson, P. and Teasdale, E., 89, 965
Cowen, A. R., Hartley, P. J. and Workman, A., 492, 969
Cox, P. H. *See* Pillay, M.
Coxon, R. *See* Howseman, A. M.
Cozacov, C. *See* Prober, A.
Cranage, R. W. and Tofts, P. S., 529
Cranley, K. and Fogarty, G. W. A., 388
Crawley, E. O. *See* Compston, J. E.
Cremin, B. J. *See* Beningfield, S. J.
Cremin, B. J. *See* Oleszczuk-Raszke, K.
Criado, P. *See* Mazas-Artasona, L.
Crook, P. R., Lucraft, H. H., Evans, R. G. B. and Griffiths, I. D., 94
Cu, C. S. *See* Olive, P. L.
Cumberland, D. C. *See* Kaye, B.
Cummins, E. *See* Jeyagopal, N.
Cunningham, C. *See* Norwood, H. M.
Curry, T. *See* Preminger, G. M.
Cusack, A. *See* Mothersill, C.
Cusack, A. *See* Seymour, C. B.

Dale, R. G., Huczkowski, J. and Trott, K. R., 153
Dance, D. R. *See* Hansell, D. M.
Darby, S. C. *See* Lewis, C. A.
Darwazeh, N. B. *See* Maruyama, Y.
David, C. L. *See* Lorigan, J. G.
Davies, A. M., Evans, N. S. and Grimer, A. J., 903
Davies, A. M., Evans, N. S. and Struthers, G. R., 103
Davies, A. M. *See* Birch, P. D.
Davies, A. M. *See* Carter, S. R.
Davies, A. M. *See* Li, J. K. W.
Davies, M., 860
Davies, R. A. and Boxer, D. I., 1180
Davies, R. Ll., Gravelle, I. H. and Evans, K. T., 401
Davison, M., 1189
Dawes, P. J. D. K., Gaffney, C. C., Jewers, D. and Dean, E. M., 1067
Dawes, P. J. D. K. *See* Dean, E. M.
Dawson, P., McCarthy, P., Allison, D. J., Garvey, B. and Bradshaw, A., 963
Dawson, P. *See* Kennedy, C.
Dawson, P. *See* Yeung, E. Y. C.
de Vries-Knoppert. W. A. E. J. *See* Hunink, M. G. M.
Dean, E. M., Lambert, G. D. and Dawes, P. J. D. K., 1053
Dean, E. M. *See* Dawes, P. J. D. K.
Dean, G., Alderson, M. and Maximilien, R., 309
Deans, H. E., Redpath, T. W., Smith, F. W., Parekh, S. and Forrester, J. V., 665
Deans, H. E. *See* Rawluk, D.
Deans, H. E. *See* Smith, F. W.
Deehan, C. and O'Donoghue, J. A., 1187
Dennis, M. F. *See* Stratford, M. R. L.
Dennis, M. F. *See* Watts, M. E.
Desmond, J. M. and Houghton, J. E., 961
Dewbury, K. C. *See* Colquhoun, I. R.
Dewbury, K. C. *See* Guyer, P. B.
Dick, D. *See* Vali, A.
Dieppe, P. A. *See* Tawn, D. J.
Dische, S. *See* Wilson, G. D.
Dixon, A. K. *See* Moore, N. R.
Dixon-Brown, A. and Hopewell, J. W., 261
Dobrowsky, W., 140
Dock, W. *See* Grabenwoeger, F.
Doll, R. *See* Lewis, C. A.
Donald, R. T. *See* Smith, F. W.
Dowman, P. *See* Hering, E. R.
Doyon, D. and Lasjaunias, P., 174
Dubbins, P. A. *See* Robertson, R.
Dundas, D. D. *See* Wright, J. F. C.
Dunn, D. T. *See* Walker, T. M.
Dunscombe, P. B., McLellan, J., Huda, W. and Gillies, J. M., 843
van Dyk, B. *See* Conard, F.

Ebara, M. *See* Yasuhara, K.
Edmonds, C. J. and Willis, C. L., 317
Edwards, A. A. *See* Lloyd, D. C.
Eenmaa, J. *See* Blake, S. W.
Eftekhari, F. *See* Lorigan, J. G.
Eisert, D. R. *See* Kersh, C. R.
Ekberg, O., Borgström, P. S. and Lindgren, S., 341
Ekberg, O. *See* Borgström, P. S.
Elle, B. *See* Lund Kofoed, P.-E.
Elliott, C. *See* Belli, A.-M.
Erfmann, R. K. L. *See* Scalliet, P.
Espinosa, H. *See* Mazas-Artasona, L.
Evans, C. *See* Compston, J. E.
Evans, K. T. *See* Davies, R. Ll.
Evans, N. S. *See* Davies, A. M.
Evans, R. G. B. *See* Crook, P. R.
Evans, S. H. *See* Hansell, D. M.
Evans, W. D. *See* Compston, J. E.

Fairhurst, J. J. *See* Rubin, C. M. E.
Farrow, N. *See* James, R. D.
Felices, R. *See* Mazas-Artasona, L.
Feola, J. *See* Maruyama, Y.
Finnon, P. *See* Lloyd, D. C.
Firmin, D. N. *See* Bogren, H. G.
Fishell, E. K. *See* Kaizer, L.
Fitzgerald, E. *See* Griffith, T. M.
Fitzgerald, R. *See* Carter, S. R.
Fitzgerald, T., 322
Floersheim, G. L., Chiodetti, N. and Bieri, A., 501
Flower, C. D. R. *See* Moore, N. R.
Flower, M. A. *See* Webb, S.
Flower, M. A. *See* Yanch, J.C.

Fogarty, G. W. A. *See* Cranley, K.
Fok, M. *See* Ngan, H.
Foord, K. D. *See* Kaye, B.
Foord, K. D., 652
Forrester, J. V. *See* Deans, H. E.
Foster, C. J., 426
Foster, C. J., Butler, P. and Freer, C. E. L., 1009
Foster, C. J. *See* Jenkins, J. P. R.
Foster, F. S. *See* Kaizer, L.
Fowler, J. F., 704
Fowler, J. F. *See* Skolyszewski, J.
Fox, M. J. *See* Macleod, M. A.
Frazer, J. *See* Aldridge, S.
Freedman, L. S. *See* Haybittle, J. L.
Freer, C. E. L. *See* Foster, C. J.
Frewin, D. B. *See* Herd, C. M.
Fritz-Niggli, H. *See* Rao, K. R.

Gaffney, C. C. *See* Dawes, P. J. D. K.
Galloway, R. W. *See* Hughes, P. L.
Van Gansbeke, D., Segebarth, C., Toussaint, C., Matos, C., Gevenois, P. A., Kinnaert, P. and Struyven, J., 473
Garcia-Valverde, M. *See* Liano, F.
Garvey, B. *See* Dawson, P.
Gasinska, A. and Wilson, G. D., 133
Gemmell, H. G. *See* Rawluk, D.
Gemmell, H. G. *See* Smith, F. W.
Gevenois, P. A. *See* Van Gansbeke, D.
Gholkar, A. and Isherwood, I., 258
Gholkar, A., Gillespie, J. E., Hart, C. W., Mott, D. and Isherwood, I., 1095
Gholkar, A. *See* O'Keefe, D.
Ghossain, M. A., Haddad, S. N., Aoun, N. J., Atallah, N. G., Jebara, V. A., Mousally, A. S. and Boustany, F. N., 333
Gibson, J. A. B. *See* Perks, C. A.
Gibson, R. N. *See* Yeung, E. Y. C.
Gillespie, J. E. *See* Gholkar, A.
Gillies, J. M. *See* Dunscombe, P. B.
Glaholm, J. and Harmer, C., 829
Glover, P. *See* Howseman, A. M.
Goddard, P. R. *See* Cooke, S. G.
Golfieri, G., Porta, E., Imbimbo, B. P. and Muzio, F., 1087
Gompertz, R. H. *See* Yeung, E. Y. C.
Gorman, S. *See* Yaes, R. J.
Goya, T. *See* Tomooka, Y.
Grabenwoeger, F., Bardach, G., Dock, W. and Pinterits, F., 1014
Gravelle, I. H. *See* Davies, R. Ll.
Grayshan, R. *See* Bell, D.
Gregory, W. M. *See* Richards, M. A.
Griffith, T. M., Fitzgerald, E. and Cochlin, D. Ll., 951
Griffiths, D. M. *See* Paes, R. A.
Griffiths, I. D. *See* Crook, P. R.
Grimer, R. J. *See* Davies, A. M.
Gupta, S. C. *See* Thomas, N. B.
Guy, J. M., 1110
Guyer, P. B. and Dewbury, K. C., 374

Hacking, P. M. *See* Tait, N. P.
Haddad, S. N. *See* Ghossain, M. A.
Halaburt, H. *See* Nepper-Rasmussen, J.
Hald, J. K., Jakobsen, J. A., Andrew, E. and Stormorken, H., 337
Hall, A. J. *See* Norwood, H. M.
Hansell, D. M., Cooke, J. C., Parsons, C. A., Evans, S. H., Dance, D. R., Bliss, J. M. and Ilesley, I., 21
Harmer, C. *See* Glaholm, J.
Harnett, A. N. and Thomson, E. S., 835
Harrison, G. *See* Sealy, R.
Harrison, K. G. *See* Mill, A. J.
Harrison, K. G. *See* Perks, C. A.
Hart, C. W. *See* Gholkar, A.
Hartley, P. J. *See* Cowen, A. R.
Hartnell, G. G. and Hemingway, A. P., 652
Hartnell, G. G., Mulcahy, M. J., Kiely, E. A., Williams, G. and Allison, D. J., 679
Hayashida, Y. *See* Tomooka, Y.
Haybittle, J. L. and Freedman, L. S., 173
Hayward, M. W. J. *See* Nicholson, A. A.
Hearn, F. *See* Jeyagopal, N.
Heikkonen, J. *See* Mäntylä, M.
Hemingway, A. P. *See* Hartnell, G. G.
Henderson, B. L. *See* Jackson, J. E.
Hendry, G. M. A. *See* Moss, J. G.
Hennessy, O. F. *See* Ptasznik, R.
Hennessy, T. P. *See* Seymour, C. B.
Henson, J. H. L., Jeans, W. D., Newham, F. J., Paice, C. and Blakeborough, A., 1026
Herd, C. M., Robertson, A. R., Frewin, D. B. and Taylor, W. B., 5
Hering, E. R., Blekkenhorst, G. and Dowman, P., 862
Heron, C. W., Husband, J. E., Williams, M. P. and Cherryman, G. R., 567
Heron, C. W. *See* Belli, A.-M.
Heron, C. W. *See* Williams, M. P.
Hewitt, J. B. *See* Smith, F. W.
Hill, J. *See* Conard, F.
Hirabuki, N., Miura, T., Mitomo, M., Kozuka, T., Kitatani, T., Terashima, T. and Okagawa, K., 252
Hoene, E. *See* Neisius, D
Holland, I. M. *See* Jaspan, T.
Holloway, M. *See* Savage, J. R. K.
Holt, M. E. *See* Nicholson, A. A.
Holt, P. D., 1142
Holt, P. D. *See* Morgan, G. R.
Hopewell, J. W., Barnes, D. W. H., Robbins, M. E. C., Sansom, J. M., Knowles, J. F. and van den Aardweg, G. J. M. J., 928
Hopewell, J. W. and van der Kogel, A. J., 973
Hopewell, J. W. *See* Calvo, W.
Hopewell, J. W. *See* Dixon-Brown, A.
Hopewell, J. W. *See* Morris, G. M.
Horner, K., Lawinski, C. P. and Smith, N. J. D., 609
Hornsey, S., Myers, R., Parnell, C. J., Bonnett, D. E., Blake, S. W. and Bewley, D. K., 1058
Horowitz, M. *See* Collins, P. J.
Høst, A. *See* Lund-Kofoed, P.-E.
Houghton, J. E. *See* Desmond, J. M.
Howard, J. *See* Kaye, B.
Howseman, A. M., Stehling, M. K., Chapman, B., Coxon, R., Turner, R., Ordidge, R. J., Cawley, M. G., Glover, P., Mansfield, P. and Coupland, R. E., 822
Hu, D.-E., Ling, X.-S., Hu, J., Li, B.-L., Wang, X.-F., Shen, Y.-G. and Ye, J., 305
Hu, J. *See* Hu, D.-E.
Huang, T.-Y., Yam, L. T. and Li, C.-Y., 651
Huczkowski, J. *See* Dale, R. G.
Huczkowski, J. *See* Skolyszewski, J.
Huda, W. *See* Dunscombe, P. B.
Hudson, F. R. *See* Samarasekara, M. G.
Hufton, A. P. *See* Russell, J. G. B.
Hughes, P. L., Qureshi, S. A. and Galloway, R. W., 1082

Hunink, M. G. M., de Vries-Knoppert, W. A. E. J., Balm, A. J. M. and Luth, W. J., 362
Hunt, J. W. *See* Kaizer, L.
Hurley, G. D. *See* Maher, K. P.
Husband, J. E. *See* Belli, A.-M.
Husband, J. E. *See* Heron, C. W.
Husband, J. E. *See* Williams, M. P.
Hutchison, J. M. S. *See* Redpath, T. W.
Hyde, I. *See* Paes, R. A.
Hyde, I. *See* Rawlinson, J.

Ilesley, I. *See* Hansell, D. M.
Imbimbo, B. P. *See* Golfieri, G.
Inbar, M., Matzkin, H., Rozin, R. R., Chaitchik, S. and Klauzner, J. M., 519
Indran, M., Carr, K. E. and Boyle, F. C., 1039
Ingram, C. E. *See* Belli, A.-M.
Irvine, A. T. *See* Yanch, J. C.
Isherwood, I. *See* Gholkar, A.
Isherwood, I. *See* Jenkins, J. P. R.
Isherwood, I. *See* Stack, J. P.
Isherwood, I. *See* Williams, C. T.

Jackson, J. E., Henderson, B. L. and Lavender, J. P., 859
Järvi, K. *See* Vorne, M.
Jagjivan, B., Morcos, S. K. and Lidell, H., 853
Jakobsen, J. Å. *See* Hald, J. K.
James, R. D., Williams, P., Jones, A., Nelis, P., Farrow, N., Lukka, H. and Pye, D. W., 344
Janke, P. G. and Rivron, R. P., 509
Jaspan, T., Wilson, M., O'Donnell, H., Worthington, B. S. and Holland, I. M., 351
Jaspan, T., Worthington, B. S. and Holland, I. M., 445
Jeans, S. P., 175
Jeans, W. D. *See* Henson, J. H. L.
Jebara, V. A. *See* Ghossain, M. A.
Jefferson, D. *See* Marsh, L. F.
Jenkins, J. P. R., Love, H. G., Foster, C. J., Isherwood, I. and Rowlands, D. J., 2
Jenkins, J. P. R. *See* Patel, B.
Jenkins, J. P. R. *See* Stack, J. P.
Jessop, J. D. *See* Nicholson, A. A.
Jewell, S. E. *See* Richards, M. A.
Jewers, D. *See* Dawes, P. J. D. K.
Jeyagopal, N., Hearn, F. and Cummins, E., 1085
Jones, A. *See* James, R. D.
Joseph, A. E. A. *See* Belli, A.-M.
Joseph, A. E. A. *See* Leonor de Gonzalez, E.
Joseph, A. E. A. *See* Tilley, E. A.

Kaizer, L., Fishell, E. K., Hunt, J. W., Foster, F. S. and Boyd, N. F., 118
Kalend, A. *See* Yaes, R. J.
Karila, K. T. K., 1155
Karstrup, S., 987
Kaye, B., Howard, J., Foord, K. D. and Cumberland, D. C., 589
Kendall, B., 174
Kennedy, C., Rickards, D., Lee, S., Buckley Sharp, M. and Dawson, P., 288
Kenny, J. B. and Carty, H. M. L., 241
Kerlin, P., Ash, M., Strong, R. and Mitchell, K., 1079
Kersh, C. R., Constable, W. C., Eisert, D. R. and Ali, M., 408
Kiely, E. A. *See* Hartnell, G. G.
Kilbey, J. *See* Walters, N. A.
Kimura, K. *See* Yasuhara, K.
Kinnaert, P. *See* Van Gansbeke, D.
Kirkpatrick, A. E. *See* Law, J.
Kitatani, T. *See* Hirabuki, N.
Klauzner, J. M. *See* Inbar, M.
Klipstein, R. H. *See* Bogren, H. G.
Knowles, J. F. *See* Hopewell, J. W.
van der Kogel, A. J. *See* Hopewell, J. W.
Korzeniowski, S. *See* Skolyszewski, J.
Kozuka, T. *See* Hirabuki, N.
Kruyt, R. H. and Kums, J. J. M., 811
Kudo, S. *See* Tomooka, Y.
Kums, J. J. M. *See* Kruyt, R. H.
Kuroiwa, T. *See* Tomooka, Y.

Lambert, G. D. and Lambert, K., 637
Lambert, G. D. *See* Dean, E. M.
Lambert, K. *See* Lambert, G. D.
Lancaster, J. F. *See* Tomlinson, M. J.
Landuyt, W. *See* Scalliet, P.
Langham Brown, J. J., 327, 859
Larsen, C. *See* Lund Kofoed, P.-E.
Lasjaunias, P. *See* Doyon, D.
Lavender, J. P. *See* Jackson, J. E.
Law, J. and Kirkpatrick, A. E., 939
Lawinski, C. P. *See* Horner, K.
Le Heron, J. C. *See* Poletti, J. L.
Lea Thomas, M. and Chan, O., 372
Lea Thomas, M. and Phillips, G. W., 294
Lea Thomas, M., Tanqueray, A. B. and Burnand, K. G., 469
Lee, D. M. *See* McHugh, K.
Lee, S. *See* Kennedy, C.
Lees, W. R. *See* Shorvon, P.
Leonor de Gonzalez, E., Cosgrove, D. O., Joseph, A. E., Murch, C. and Naik, K., 687
Leslie, I. J. *See* Cobby, M. J. D.
Leung, J. W. C. *See* Price, J.
Lewis, C. A., Smith, P. G., Stratton, I. M., Darby, S. C. and Doll, R., 212
Li, A. *See* Peck, R. J.
Li, B.-L. *See* Hu, D.-E.
Li, C.-Y. *See* Huang, T.-Y.
Li, J. K. W., Birch, P. D. and Davies, A. M., 579
Liano, F. Matesanz, R., Teruel, J. L., Orte, L., Llorente, M. T., Garcia-Valverde, M. and Ortuno, J., 255
Lidell, H. *See* Jagjivan, B.
Lindgren, S. *See* Ekberg, O.
Ling, X.-S. *See* Hu, D.-E.
Llorente, M. T. *See* Liano, F.
Lloyd, D. C., Edwards, A. A., Prosser, J. S., Finnon, P. and Moquet, J. E., 1136
Longmore, D. B. *See* Bogren, H. G.
Loose, H. W. *See* Parnell, A. P.
Lorigan, J. G., David, C. L., Shirkhoda, A., Eftekhari, F. and Alexanian, R., 1077
Love, H. G. *See* Jenkins, J. P. R.
Loveday, B. *See* Williams, C. T.
Lucraft, H. H. *See* Crook, P. R.
Lukka, H. *See* James, R. D.
Lund Kofoed, P.-E., Høst, A., Elle, B. and Larsen, C., 19
Luth, W. J. *See* Hunink, M. G. M.
Lye, R. H. *See* Stack, J. P.

Maccia, C. *See* Contento, G.
MacDonald, A. F. *See* Rawluk, D.
Macleod, M. A., Adkisson, G. H., Fox, M. J. and Pearson, R. R., 1106
MacPhail, S. H. *See* Olive, P. L.
Macpherson, P. *See* Coutinho, C.
Magura, C. *See* Maruyama, Y.

Maher, K. P., Malone, J. F., Hurley, G. D. and McInerney, D. P., 62
Maisey, M. N. *See* Ramtoola, S.
Malcolm, A.J. *See* Tait, N. P.
Malisan, M. R. *See* Contento, G.
Malone, J. F. *See* Maher, K. P.
Mansfield, P. *See* Howseman, A. M.
Mäntylä, M., Heikkonen, J. and Perkkiö, J., 379
Marsh, L. F., Morgan, D. A. L. and Jefferson, D., 692
Maruyama, Y., Darwazeh, N. B. and Magura, C., 312
Maruyama, Y., Feola, J. and Berner, B., 423
Maruyama, Y. *See* Yaes, R. J.
Matesanz, R. *See* Liano, F.
Matos, C. *See* Van Gansbeke, D.
Matos, C. *See* Zalcman, M.
Matsutani, S. *See* Yasuhara, K.
Matzkin, H. *See* Inbar, M.
Mawhinney, R. R., Powell, M. C., Worthington, B. S. and Symonds, E. M., 179
Maximilien, R. *See* Dean, G.
Mazas-Artasona, L., Romeo, M., Felices, R., Criado, P., Espinosa, H., Yanguela, J. and Peiron, M. J., 1181
McCabe, R. E. and Barnett, C. A., 424
McCarthy, P. *See* Dawson, P.
McCarthy, P. *See* Yeung, E. Y. C.
McCreath, G. T., McMillan, N., Patterson, J., Brown, M. W. and Condon, B., 113
McDicken, W. N. *See* Pye, S. D.
McGeorge, A. *See* Coutinho, C.
McGuire, L. J. *See* Price, J.
McHugh, K., Lee, D. M. and Batty, V. B., 957
McHugo, J. M., Shafi, M. I., Rowlands, D. and Weaver, J. B., 1072
McInerney, D. P. *See* Maher, K. P.
McKinstry, C. S. *See* Vali, A.
McLay, K. A. *See* Smith, F. W.
McLellan, J. *See* Dunscombe, P. B.
McLeod, A., 346
McMillan, N. *See* McCreath, G. T.
McNally, N. J., 793
McNally, N. J. *See* Wilson, G. D.
Meanock, C. I., Ward, C. S. and Williams, M. P., 584
Meire, H. B. *See* Raby, N.
Metreweli, C. *See* Price, J.
Michael, B. D. *See* Stevens, G. N.
Mill, A. J. and Harrison, K. G., 1147
Mill, A. J. *See* Morgan, G. R.
Mill, A. J. *See* Perks, C. A.
Millar, A. M. *See* Bell, D.
Miller, R. H. III. *See* Preminger, G. M.
Mistry, C. D. *See* Patel, B.
Mitchell, K. *See* Kerlin, P.
Mitomo, M. *See* Hirabuki, N.
Miura, T. *See* Hirabuki, N.
Miyazaki, S. *See* Tomooka, Y.
Mohiaddin, R. H. *See* Bogren, H. G.
Moore, N. R., Phillips, M. S., Shneerson, J. M., Smith, M. L., Flower, C. D. R. and Dixon, A. K., 573
Moores, B. M. *See* Yarwood, J. R. H.
Moquet, J. E. *See* Lloyd, D. C.
Mor, F. and Wysenbeek, A. J., 158
Morcos, S. K. *See* Jagjivan, B.
Morgan, D. A. L. *See* Marsh, L. F.
Morgan, S. *See* Reed, D. H.
Morgan, G. R., Mill, A. J., Roberts, C. J., Newman, S. and Holt, P. D., 1127
Morrell, D. *See* Sealy, R.
Morris, A. J. *See* Smith, F. W.
Morris, G. M. and Hopewell J. M., 205
Moss, J. G. and Hendry, G. M. A., 1074
Mothersill, C., Cusack, A. and Seymour, C. B., 226
Mothersill, C. *See* Seymour, C.B.
Mott, D. *See* Gholkar, A.
Mott, D. J., 239
Mott, D. J., 1174
Mountford, G., 794
Moussally, A. S. *See* Ghossain, M. A.
Muir, A. L. *See* Bell, D.
Mulcahy, M. J. *See* Hartnell, G. G.
Murch, C. *See* Leonor de Gonzalez, E.
Murnaghan, D. J., 651
Murphy, A. *See* Robertson, R.
Murray, J. B., 1089
Muzio, F. *See* Golfieri, G.
Myers, R. *See* Hornsey, S.

Naik, K. *See* Leonor de Gonzalez, E.
Nandar Kumar, E. *See* Patel, B.
Neisius, D., Braedel, H. U., Schindler, E., Hoene, E. and Alloussi, Sch., 1019
Nelis, P. *See* James, R. D.
Nepper-Rasmussen, J. and Halaburt, H., 1065
Newham, F. J. *See* Henson, J. H. L.
Newman, S. *See* Morgan, G. R.
Ng, K. *See* Peck, R. J.
Ngan, H., Fok, M. and Wong, J., 1032
Nicholson, A. A., 1191
Nicholson, A. A. and Hayward, M. W. J., 649
Nicholson, A. A., Holt, M. E. and Jessop, J. D., 643
Nicholson A. A., Roberts, G. M. and Williams, L. A., 454
Norwood, H. M., Walker, A. L., Parkin, A. and Hall, A. J., 237
Norwood, H. M., Cunningham, C., Bowsley, S. and Taylor, C., 639

O'Brien, I. A. D. *See* Tawn, D. J.
O'Donnell, H. *See* Jaspan, T.
O'Donoghue, J. A., 700
O'Donoghue, J. A. and Wheldon, T. E., 264
O'Donoghue, J. A. *See* Deehan, C.
O'Driscoll, J. B. *See* Anderson, D. C.
O'Hare, J. P. *See* Tawn, D. J.
Ohto, M. *See* Yasuhara, K.
Okagawa, K. *See* Hirabuki, N.
O'Keefe, D. and Gholkar, A., 849
Oleszczuk-Raszke, K. and Cremin, B. J., 160
Olive, P. L., Chan, A. P. S., Cu, C. S. and MacPhail, S. H., 69
Olsson, R. *See* Borgström, P. S.
Onitsuka, H. *See* Tomooka, Y.
Ordidge, R. J. *See* Howseman, A. M.
Orte, L. *See* Liano, F.
Ortuno, J. *See* Liano, F.
Ott, R. J. *See* Webb, S.
Otte, V. *See* Blake, S. W.

Padovani, R. *See* Contento, G.
Paes, R. A., Hyde, I. and Griffiths, D. M., 187
Paice, C. *See* Henson, J. H. L.
Paliwal, B. R. *See* Sibata, C. H.
Pardou, A. *See* Zalcman, M.
Parekh, S. *See* Deans, H. E.
Parkin, A. *See* Norwood, H. M.
Parnell, A. P., Loose, H. W. and Chamberlain, J., 1080

Parnell, C. J. *See* Hornsey, S.
Parr, M. J. A. and Williams, M. V., 516
Parsons, C. A. *See* Hansell, D. M.
Patel, B., Mistry, C. D., Nanda Kamur, E., Short, C. D. and Jenkins, J. P. R., 511
Patki, V. S. *See* Sankaran, A.
Patterson, J. *See* McCreath, G. T.
Pearson, R. R. *See* Macleod, M. A.
Peck, R. J., 855
Peck, R. J., Ng, K. and Li, A., 417
Peiron, M. J. *See* Mazas-Artasona, L.
Penhaligon, M., Courtenay, V. D. and Camplejohn, R. S., 1168
Perkins, A. C. and Whalley, D. R., 425
Perkkiö, J. *See* Mäntylä, M.
Perks, C. A., Mill, A. J., Constantine, G., Harrison, K. G. and Gibson, J. A. B., 1115
Phillips, G. W. *See* Lea Thomas, M.
Phillips, G. W. L., Senapati, A. and Young, A. E., 413
Phillips, M. S. *See* Moore, N. R.
Pillay, M., Cox, P. H. and Shönfeld, D., 174
Pinterits, F. *See* Grabenwoeger, F.
Plane, J. H., 235
Poletti, J. L. and Le Heron, J. C., 393
Poon, F. W. and Stewart, I.S., 249
Porta, E. *See* Golfieri, G.
Powell, M. C. *See* Mawhinney, R. R.
Preminger, G. M., Miller III, R. H. and Curry, T., 81
Price, J. and Leung, J. W. C., 411
Price, J., McGuire, L. J. and Chan, M. S. Y., 521
Price, J. and Metreweli, C., 190
Prober, A., Cozacov, C. and Barkai, M., 331
Prosser, J. S. *See* Lloyd, D. C.
Ptasznik, R. and Hennessy, O. F., 164
Pye, D. W. *See* James, R. D.
Pye, S. D., Wild, S. R. and McDicken, W. N., 523

Qureshi, S. A. *See* Hughes, P. L.

Raby, N., 246, 366
Raby, N. and Meire, H. B., 586
Raju, M. R. *See* Tokita, N.
Ramsden, R. T. *See* Stack, J. P.
Ramsey, L. J., 176
Ramtoola, S. and Maisey, M. N., 515
Rao, K. R. and Fritz-Niggli, H., 839
Rawd-Aree, P. *See* Singcharoen, T.
Rawlinson, J. and Ackery, D., 956
Rawlinson, J., Hyde, I. and Williams, J., 592
Rawluk, D., Smith, F. W., Deans, H. E., Gemmell, H. G. and MacDonald, A. F., 26
Rayner, C. W. *See* Smith, F. W.
Redpath, A. T., 1063
Redpath, T. W., Smith, F. W. and Hutchison, J. M. S., 619
Redpath, T. W. *See* Deans, H. E.
Reed, D. H. and Britton, P. D., 693
Reed, D. H. and Morgan, S., 695
Rees, R. S. O. *See* Bogren H. G.
Reinhold, H. S. *See* Calvo, W.
Révész, L., 702
Reznek, R. H. *See* Richards, M. A.
Richards, M. A., Webb, J. A. W., Jewell, S. E., Gregory, W. M. and Reznek, R. H., 30, 34
Rickards, D., 978
Rickards, D. *See* Kennedy, C.
Rickards D. *See* Walters, N. A.
Rivron, R. P. *See* Janke, P. G.
Robbins, M. E. C. *See* Hopewell, J. W.
Roberts, C. J. *See* Morgan, G. R.
Roberts, G. M. *See* Nicholson, A. A.
Robertson, A. R. *See* Herd, C. M.
Robertson, R., Murphy, A. and Dubbins, P. A., 196
Romeo, M. *See* Mazas-Artasona, L.
Rowlands, D. J. *See* Jenkins, J. P. R.
Rowlands, D. *See* McHugo, J. M.
Rozin, R. R. *See* Inbar, M.
Rubin, C. M. E. and Fairhurst; J. J., 415
Russell, J. G. B., 1037
Russell, J. G. B. and Hufton, A. P., 128

Saisho, H. *See* Yasuhara, K.
Samarasekara, M. G. and Hudson, F. R., 697
Samarasekara, M. G. and Williams, F. J., 529
Sankaran, A. and Patki, V. S., 613
Sansom, J. M. *See* Hopewell, J. W.
Sarkar, T. K. *See* Smith, F. W.
Savage, J. R. K. and Holloway, M., 231
Saywell, W. R. *See* Colquhoun, I. R.
Scalliet, P., Erfmann, R. K. L., Landuyt, W. and van der Schueren, E., 90
Scher, A. *See* Bester, L.
Schindler, E. *See* Neisius, D.
van der Schueren, E. *See* Scalliet, P.
Sealy, R., Harrison, G. and Morrell, D., 269
Sealy, R. *See* Conard, F.
Segebarth, C. *See* Van Gansbeke, D.
Senapati, A. *See* Phillips, G. W. L.
Serjeant, G. R. *See* Walker, T. M.
Seymour, C. B., Mothersill, C., Cusack, A. and Hennessy, T. P., 383
Seymour, C. B. *See* Mothersill, C.
Shafi, M. I. *See* McHugo, J. M.
Shand, J. and Teasdale, E., 251
Sharp, P. F. *See* Smith, F. W.
Shaw, J. E. *See* Bonnett, D. E.
Shaw, J. E., Bonnett, D. E. and Blake, S. W., 47
Shaw, J. E. *See* Blake, S. W.
Shen, Y.-G. *See* Hu, D.-E.
Shirkhoda, A. *See* Lorigan, J. G.
Shneerson, J. M. *See* Moore, N. R.
Shönfeld, D. *See* Pillay, M.
Short, C. D. *See* Patel, B.
Shorvon, P. and Lees, W. R., 346
Shrimpton, P. C. *See* Contento, G.
Sibata, C. H., Paliwal, B. R. and Attix, F. H., 600
Siem-Jorgensen, P., 861
Singcharoen, T., Rawd-Aree, P. and Baddeley, H., 83
Skolyszewski, J., Fowler, J. F. and Huczkowski, J., 857
Skolyszewski, J. and Korzeniowski, S., 527
Skolyszewski, J., Korzeniowski, S. and Huczkowski, J., 301
Smith, F. W., Deans, H. E., McLay, K. A. and Rayner, C. W., 480
Smith, F. W., Donald, R. T., Morris, A. J., Sharp, P. F. and Gemmell, H. G., 358
Smith, F. W., Gemmell, H. G., Sharp, P. F. and Besson, J. A. O., 914
Smith, F. W., Sarkar, T. K. and Hewitt, J. B., 166
Smith, F. W. and Sutherland, H. W., 338
Smith, F. W. *See* Deans, H. E.
Smith, F. W. *See* Rawluk, D.
Smith, F. W. *See* Redpath, T. W.
Smith, M. L. *See* Moore, N. R.
Smith, N. J. D *See* Horner, K.
Smith, P. G. *See* Lewis, C. A.
Smith, P. J. B. *See* Tomlinson, M. J.

Stabler, J., 1191
Stack, J. P., Ramsden, R. T., Antoun, N. M., Lye, R. H., Isherwood, I. and Jenkins, J. P. R., 800
Stack, J. P. *See* Williams, C. T.
Stehling, M. K. *See* Howseman, A. M.
Stevens, G. N. and Michael, B. D., 863
Stewart, I. S. *See* Poon, F. W.
Stone, D. L. *See* Barber, R. W.
Stormorken, H. *See* Hald, J. K.
Stratford, M. R. L., Dennis, M. F., Watts, M. E. and Watfa, R. R., 860
Stratton, I. M. *See* Lewis, C. A.
Strong, R. *See* Kerlin, P.
Struthers, G. R. *See* Davies, A. M.
Struyven, J. *See* Van Gansbeke, D.
Sundkvist, G. *See* Borgström, P. S.
Sutherland, H. W. *See* Smith, F. W.
Svensson, W. E., 518, 691
Symonds, E. M. *See* Mawhinney, R. R.

Taher, M. A., 423
Tait, N. P., Hacking, P. M. and Malcolm, A. J., 73
Talbot, A. R., Barnes, M. R. and Ting, R. S., 405
Tanqueray, A. B. *See* Lea Thomas, M.
Tatcher, M. *See* Blake, S. W.
Tawn, D. J., O'Hare, J. P., O'Brien, I. A. D., Watt, I., Dieppe, P. A. and Corrall, R. J. M., 273
Tawn, J. *See* Aldridge, S.
Taylor, C. *See* Norwood, H. M.
Taylor, J. M. G. *See* Withers, H. R.
Taylor, P. M., 1070
Taylor, W. B. *See* Herd, C. M.
Teasdale, E. *See* Coutinho, C.
Teasdale E. *See* Shand, J.
Terashima, T. *See* Hirabuki, N.
Teruel, J. L. *See* Liano, F.
Thomas, N. B. and Gupta, S. C., 244
Thomlinson, R. H., 173
Thomson, E. S. *See* Harnett, A. N.
Thomson, J. L. G., 638
Tilley, E. A., Adam, E. J. and Joseph, A. E. A., 87
Ting, R. S. *See* Talbot, A. R.
Tobin, A. N. *See* Bowring, C. S.
Tofts, P. S. *See* Cranage, R. W.
Tokita, N. and Raju, M. R., 169
Tomlinson, M. J., Lancaster, J. F., Bullimore, J. A. and Smith, P. J. B., 959
Tomooka, Y., Onitsuka, H., Goya, T., Hayashida, Y., Kuroiwa, T., Kudo, S., Miyazaki, S. and Torisu, M., 851
Torisu, M. *See* Tomooka, Y.
Toussaint, C. *See* Van Gansbeke, D.
Trott, K. R. *See* Dale, R. G.
Tsuchiya, Y. *See* Yasuhara, K.
Turner, R. *See* Howseman, A. M.

Underwood, S. R. *See* Bogren, H. G.

Vali, A., McKinstry, C. S. and Dick, D., 335
Vassallo, D. J. *See* Wright, J. F. C.
Vellet, D. *See* Bester, L.
Vennart, W. *See* Bowring, C. S.
Vorne, M. and Järvi, K., 329
Vynckier, S. *See* Blake, S. W.

Walker, A. L. *See* Norwood, H. M.
Walker, T. M., 1089
Walker, T. M., Dunn, D. T. and Serjeant, G. R., 280
Wall, B. F. *See* Contento, G.
Walters, N. A. and Coral, A., 641
Walters, N. A., Kilbey, J. and Rickards, D., 320
Wang, X.-F. *See* Hu, D.-E.
Ward, C. S. *See* Meanock, C. I.
Watfa, R. R. *See* Stratford, M. R. L.
Watson, Y. *See* Williams, C. T.
Watt, I. *See* Cobby, M. J. D.
Watt, I. *See* Tawn, D. J.
Watts, M. E., Dennis, M. F. and Woodcock, M., 976
Watts, M. E. *See* Stratford, M. R. L.
Weatherburn, H., 862
Weaver, J. B. *See* McHugo, J. M.
Webb, J. A. W. *See* Richards, M. A.
Webb, L. *See* Cole, A. J. L.
Webb, S., Ott, R. J. and Flower, M. A., 1172
Webb, S. *See* Yanch, J. C.
Whalley, D. R. *See* Perkins, A. C.
Wheldon, T. E. and Amin, A. E., 700
Wheldon, T. E. *See* O'Donoghue, J. A.
Wild, S. R. *See* Pye, S. D.
Wilde, P. *See* Aldridge, S.
Williams, C. T., Stack, J. P., Loveday, B., Watson, Y. and Isherwood, I., 596
Williams, F. J. *See* Samarasekara, M. G.
Williams, G. *See* Hartnell, G. G.
Williams, J. *See* Rawlinson, J.
Williams, L. A. *See* Nicholson, A. A.
Williams, M. P., Cherryman, G. R., Husband, J. E. and Heron, C. W., 1002
Williams, M. P. *See* Heron, C. W.
Williams, M. P. *See* Meanock, C. I.
Williams, M. V. *See* Parr, M. J. A.
Williams, P. *See* James, R. D.
Willis, C. L. *See* Edmonds, C. J.
Wilson, G. D., McNally, N. J., Dische, S. and Bennett, M. H., 419
Wilson, G. D. *See* Gasinska, A.
Wilson, M. *See* Jaspan, T.
Withers, H. R., 705
Withers, H. R. and Taylor, J. M. G., 973
Wong, J. *See* Ngan, H.
Woodcock, M. *See* Watts, M. E.
Workman, A. *See* Cowen, A. R.
Worthington, B. S. *See* Jaspan, T.
Worthington, B. S. *See* Mawhinney, R. R.
Wright, J. F. C., Vassallo, D. J. and Dundas, D. D., 1185
Wysenbeek, A. J. *See* Mor, F.

Yaes, R. J., 703
Yaes, R. J., Gorman, S., Berner, B., Kalend, A. and Maruyama, Y., 967
Yam, L. T. *See* Huang, T.-Y.
Yanch, J. C., Irvine, A. T., Webb, S. and Flower, M. A., 221
Yanguela, J. *See* Mazas-Artasona, L.
Yarwood, J. R. H. and Moores, B. M., 943
Yasuhara, K., Kimura, K., Ohto, M., Matsutani, S., Ebara, M., Tsuchiya, Y. and Saisho, H., 898
Ye, J. *See* Hu, D.-E.
Yeung, E. Y. C., McCarthy, P., Gompertz, R. H., Benjamin, I. S., Gibson, R. N. and Dawson, P., 991
Yeung, T. K. *See* Calvo, W.
Young, A. E. *See* Phillips, G. W. L.

Zalcman, M., Avni, E. F., Balasse, H., Pardou, A. and Matos, C., 847

SUBJECT INDEX
1988

List of sections:

Radiodiagnosis
- Bones and joints (excluding skull)
- Neuroradiology (including skull)
- Cardiovascular system
- Respiratory tract
- Digestive tract
- Liver and biliary tract, spleen, pancreas
- Urinary tract
- Haemopoietic, lymphatic, reticulo-endothelial systems
- Reproductive system
- Endocrine system
- Ear, nose, throat, mouth, eyes
- Breast and soft tissues
- Paediatrics
- Contrast media and other drugs
- Apparatus and technical aspects
- Organization and statistics
- Computed tomography (head)
- Computed tomography (whole body)
- Computed tomography (apparatus and technical aspects)
- Interventional radiology

Ultrasound
- Clinical aspects
- Apparatus and technical aspects

Nuclear medicine
- Clinical aspects
- Apparatus and technical aspects

Nuclear magnetic resonance

Physics
- Applied to radiodiagnosis
- Applied to radiotherapy
- Applied to nuclear medicine

Radiotherapy
- Results and clinical aspects
- Apparatus and technical aspects

Cancer chemotherapy

Radiobiology
- Applied to radiotherapy
- Effects of radiation quality
- Fractionation studies
- Hyperthermia and irradiation
- Sensitizers and protectors
- Other studies

Hyperthermia

Hazards and radiation protection

Lectures and addresses

Education

Proceedings

Obituaries

Awards

Book reviews

RADIODIAGNOSIS

Bones and joints
(excluding skull)

In-vivo measurement of spin lattice relaxation time (T_1) of bone marrow in healthy volunteers: the effects of age and sex, 30

Malignant fibrous histiocytoma occurring at the site of a previous total hip replacement (Case report), 73

Parasymphyseal and associated insufficiency fractures of the pelvis and sacrum, 103

Stress changes of the wrist in adolescent gymnasts, 109

Bone scintigraphy and radiography in the early recognition of diabetic osteopathy, 273

The metacarpal index in homozygous sickle-cell disease (Correspondence), 280

Pycnodysostosis with right heart failure due to hypoplastic mandible and chronic upper airway obstruction (Case report), 322

The measured height of the lumbosacral disc in patients with and without transitional vertebrae, 454

Magnetic resonance imaging in non-infective destructive spondyloarthropathy (Case report), 511

Zygomatic arch simulating a fluid level in the sphenoid sinus (Case report), 518

Proximal humeral defects in Gaucher's disease, 579

Bone mineral content in normal UK subjects, 631

Dislocation of the manubriosternal joint: detection on frontal chest radiographs (Case report), 643

Bone age estimation: a comparison of methods, 683

Spinal segmentation anomalies: *in utero* diagnosis by ultrasound (Case report), 847

Fatigue fractures of the proximal tibia simulating malignancy, 903

Osteomesopyknosis: benign axial osteosclerosis (Case report), 951

A hole in the humeral head (Case of the month), 961

Relapse of osteoporosis circumscripta as a lytic ring after treatment of Paget's disease with intravenous 3-amino-1-hydroxypropylidene-1,1-bisphosphonate, 996

The metacarpal index in homozygous sickle-cell anaemia (Correspondence), 1089

Gastro-oesophageal leiomyoblastomas and multiple pulmonary chondromas: an incomplete variant of Carney's triad (Case report), 1181

Neuroradiology
(including skull)

Technetium-99m HMPAO scanning in patients with subarachnoid haemorrhage: a preliminary study, 26

Blindingly obvious (Case of the month), 87

Iotrolan versus iopamidol for radiculography: a randomized double-blind study (Short communication), 89

Evidence on computed tomography of pseudotumour cerebri in hypoparathyroidism (Case report), 158

An opportunity not to be missed (Case of the month), 171

Contrast media in cerebral and spinal cord angiography (Correspondence), 174

Ocular lens dose in cerebral vascular imaging, 202

Ultrasonographic appearances of glomus vagale tumour (Case report), 246

Changes of cerebral air embolism shown by computed tomography (Case report), 252

Three-dimensional computed tomographic reformations of intracranial vascular lesions (Short communication), 258

INDEX TO VOLUME 61

A fit in a young woman (Case of the month), 335
Magnetic resonance imaging with even-echo rephasing sequences in the assessment and management of giant intracranial aneurysms, 351
The study of regional cerebral blood flow in stroke patients using technetium 99m HMPAO, 358
A comparative study of magnetic resonance imaging and computed tomography-assisted myelography in spinal dysraphism, 445
Magnetic resonance imaging of the orbits using a binocular surface coil, 665
Cervical myelography of nerve root avulsion injuries using water-soluble contrast media, 673
Benign intracranial hypertension during chemotherapy for testicular teratoma (Case report), 692
Magnetic resonance imaging of acoustic neuromas: the role of gadolinium-DTPA, 800
Technetium-99m HMPAO imaging in patients with basal ganglia disease, 914
Computed tomography of pineal region ependymoma (Case report), 953
Iotrolan versus iopamidol for cervical myelography: a randomized double-blind trial (Short communication), 965
Fast magnetic resonance imaging of intracerebral metastatic disease, 1002
$^{99}Tc^{m}$-HMPAO single photon emission tomography in the diagnosis of cerebral barotrauma, 1106
Magnetic resonance imaging of hypothalamic hamartomas (Case report), 1177

Cardiovascular system

Detection of coronary artery bypass graft patency as assessed by magnetic resonance imaging, 2
Evaluation of the processing functions of a digital subtraction angiography image processor, 62
The appearance of the inferior thyroid veins on computed tomography, 125
The acute scrotum: a complication of cardiac catheterization (Case report), 162
Ultrasonographic appearances of glomus vagale tumour (Case report), 246
Aneurysm of an aberrant right subclavian artery (Case report), 249
Spasm of the deep circumflex artery causing entrapment of a guidewire (Case report), 251
Changes of cerebral air embolism shown by computed tomography (Case report), 252
Recurrent groin varicose veins: an assessment by descending phlebography, 294
Portal and hemiazygos continuation of the inferior vena cava: a report of an unusual case (Case report), 333
Radiological awareness of current recommendations on prophylaxis of infective endocarditis, 366
Visceral angiographic findings in pseudoxanthoma elasticum, 368
Lateral thigh varicose veins: a phlebographic study, 372
The measurement of left ventricular function (Correspondence), 425
Magnetic resonance velocity mapping in aortic dissection, 456
Left ventricular aneurysm formation: an iatrogenic cause for the third mogul, 463
Visualization of the plantar arch by aortography: technique and value, 469
Magnetic resonance imaging of the mini-pig heart: the effect of gadolinium-DTPA on normal myocardium, 596
Cause for collapse (Case of the month), 649
Erectile dysfunction secondary to penile trauma: the value of cavernosography (Case report), 693
Digital subtraction angiography of the left ventricle, 1009
Percutaneous extraction of centrally embolized foreign bodies: a report of 16 cases, 1014
Fibromuscular dysplasia of the external iliac artery: treatment by percutaneous transluminal angioplasty (Case report), 1080
Jugular venous aneurysm in children (Case report), 1082

Respiratory tract

Computed tomography in pulmonary papillomatosis (Case report), 160
Infants presenting with respiratory distress due to anterior mediastinal teratomas: a report of three cases and a review of the literature (Case report), 241
Unilobar enlargement of normal thymus gland causing mass effect (Case report), 244
Aneurysm of an aberrant right subclavian artery (Case report), 249
The dry tap (Case of the month), 267
Zinc fume fever (Case report), 327
Sarcoidosis mimicking metastatic testicular tumour (Case report), 516
The value of thoracic computed tomography in the detection of recurrent Hodgkin's disease, 567
Appearances on computed tomography following thoracoplasty for pulmonary tuberculosis, 573
The changing mediastinum (Case of the month), 695
Image processing of digital chest ionograms, 943
Microscopic tumour embolism: an unusual cause of ventilation-perfusion mismatch (Case report), 956
Preliminary investigations in dual-potential fluorography of the thorax (Short communication), 969
The role of lymphography in chylothorax following thoracic surgery, 1032
Dynamic contrast enhancement of asbestos-related pulmonary pseudotumours (Case report), 1070

Digestive tract

Proximal, distal and total stomach emptying of a digestible solid meal in normal subjects, 12
The management of intussusception, 187
Ultrasonographic diagnosis of clinically non-palpable primary colonic neoplasms, 190
Is there an accessory sphincter of the cervical oesophagus? (Short communication), 341
Visceral angiographic findings in pseudoxanthoma elasticum, 368
Chylolymphatic mesenteric cyst: a diagnostic appearance on computed tomography (Case report), 413
Life-threatening haemorrhage from typhoid fever (Case report), 415
The dyspeptic disco dancer (Case of the month), 417
Magnetic resonance imaging of the parotid glands using inversion-recovery sequences at 0.08 T, 480
An unusual case of otorrhoea due to parotid salivary fistula (Case report), 509
Multiple mystifying melaenas (Case of the month), 521
Fibrovascular polyp of the oesophagus: the appearances on computed tomography (Case report), 641

Pharyngeal and oesophageal function in patients with diabetes mellitus and swallowing complaints, 817
The expanding infant (Case of the month), 855
Radiology of the pharynx and oesophagus in young adults, 909
Efficacy of cimetropium bromide as pre-medication for double-contrast barium enema (Short communication), 1087
Primary plasmacytoma of the oesophagus (Case report), 1180
Gastro-oesophageal leiomyoblastomas and multiple pulmonary chondromas: an incomplete variant of Carney's triad (Case report), 1181

Liver and biliary tract, spleen, pancreas

In-vivo measurement of spin lattice relaxation time (T_1) of liver in healthy volunteers: the effects of age, sex and oral contraceptive usage, 34
A variant of the Mirizzi syndrome (Case report), 331
Portal and hemiazygos continuation of the inferior vena cava: report of an unusual case (Case report), 333
Ultrasound diagnosis of *Ascaris lumbricoides* in the pancreatic duct: the "four-lines" sign (Case report), 411
Duplex Doppler ultrasound in the diagnosis of cavernous transformation of the portal vein, 586
Liver and spleen scans in systemic mast cell disease (Correspondence), 651
Pulsed Doppler in the diagnosis of small liver tumours, 898
Ultrasound diagnosis of cholangiocarcinoma at the confluence of the hepatic ducts (Klatskin tumours), 987
The ultrasonographic appearances of hilar cholangiocarcinoma (Klatskin tumours), 991
Diffuse hepatic calcification (Case report), 1079

Urinary tract

Adverse reactions during intravenous urography: are these due to histamine release?, 5
Hypertrophic pyloric stenosis: determination of muscle dimensions by ultrasound, 19
Entrapment of renal calculi by Malecot nephrostomy tubes (Case report), 81
Magnetic resonance imaging of renal transplants: initial experience, 113
Pelvic hydatid disease presenting as acute urinary retention (Case report), 164
Monitoring of bladder neoplasia by low-field magnetic resonance imaging (Short communication), 166
Renal artery stenosis: the use of duplex ultrasound as a screening technique, 196
Urographic visualization of the native kidneys following renal transplantation: a demonstration of the intact nephron hypothesis (Case report), 255
A technique for the removal of retained balloon bladder catheters (Technical note), 320, (Correspondence), 977
Non-obstructive kidney transplant dysfunction: magnetic resonance evaluation, 473
Comparison of the image quality of intravenous urograms using low-osmolar contrast media, 589
Quality of urograms in infants: a comparison of sodium diatrizoate, metrizamide and iohexol, 592
The renal rind sign: a new ultrasound indication of inflammatory disease in the abdomen, 806
Kock pouch urinary diversion: follow-up by ultrasound, 811
Congenital hemihypertrophy with adrenal adenoma and medullary sponge kidney (Case report), 851
Computed tomographic and angiographic findings in renal oncocytoma, 1019
Pre-natal diagnosis of adult polycystic kidney disease (Case report), 1072
The natural history of renal cysts in an infant with tuberous sclerosis: evaluation with ultrasound (Case report), 1074
Macroglobulinaemic lymphoma presenting with perirenal masses (Case report), 1077
A geriatric plum (Case of the month), 1085

Haemopoietic, lymphatic, reticulo-endothelial systems

The metacarpal index in sickle-cell disease, 280
The value of thoracic computed tomography in the detection of recurrent Hodgkin's disease, 567
Proximal humeral defects in Gaucher's disease, 579
Splenic accumulation of technetium 99m in chronic lymphocytic leukaemia (Case report), 957
The role of lymphography in chylothorax following thoracic surgery, 1032

Reproductive system

Magnetic resonance imaging of benign ovarian masses, 179
Magnetic resonance imaging: the use of the inversion recovery sequence to display fetal morphology (Short communication), 338
Sarcoidosis mimicking metastatic testicular tumour (Case report), 516
Digital subtraction dynamic cavernosography, 679
The appearances on ultrasound of the female urethral sphincter, 687
Erectile dysfunction secondary to penile trauma: the value of cavernosography (Case report), 693
Concomitant intrauterine and ectopic tubal pregnancy (Correspondence), 1089

Endocrine system

The appearance of the inferior thyroid veins on computed tomography, 125
Evidence on computed tomography of pseudotumour cerebri in hypoparathyroidism (Case report), 158
Unilobar enlargement of normal thymus gland causing mass effect (Case report), 244
Metastatic tumours detected as cold nodules on the thyroid scan (Case report), 329
Subacute (de Quervain's) thyroiditis (Case report), 515
Congenital hemihypertrophy with adrenal adenoma and medullary sponge kidney (Case report), 851

Ear, nose, throat, mouth, eyes

Blindingly obvious (Case of the month), 87
Ocular lens dose in cerebral vascular imaging, 202
Dacryocystography after paranasal sinus surgery, 362
Magnetic resonance imaging of the parotid glands using inversion–recovery, 480
An unusual case of otorrhoea due to parotid salivary fistula (Case report), 509
Zygomatic arch simulating a fluid level in the sphenoid sinus (Case report), 518
Erbium filtration for dose reduction in dental radiography, 609

INDEX TO VOLUME 61

Breast and soft tissues

A quantitative analysis of the spatial relationships of grouped microcalcifications demonstrated on xeromammography in benign and malignant breast disease, 21
The value of computed tomography in elephantiasis neuromatosa (Case report), 76
Computed tomography findings in disseminated paragonimiasis (Case report), 83
Ultrasonographically defined parenchymal patterns of the breast: relationship to mammographic patterns and other risk factors for breast cancer, 118
Sonomammography in benign breast disease, 374
X-ray microscopy of the breast (Technical note), 401
Metastatic adenocarcinoma of the paraspinal muscles (Case report), 849
Film processing for mammography, 939

Paediatrics

Stress changes of the wrist in adolescent gymnasts, 109
The management of intussusception, 187
Infants presenting with respiratory distress due to anterior mediastinal teratomas: a report of three cases and a review of the literature (Case report), 241
Pycnodysostosis with right heart failure due to hypoplastic mandible and chronic upper airway obstruction (Case report), 322
Quality of urograms in infants: a comparison of sodium diatrizoate, metrizamide and iohexol, 592
Bone age estimation: a comparison of methods, 683
Spinal segmentation anomalies: *in utero* diagnosis by ultrasound (Case report), 847
Congenital hemihypertrophy with adrenal adenoma and medullary sponge kidney (Case report), 851
The expanding infant (Case of the month), 855
The natural history of renal cysts in an infant with tuberous sclerosis: evaluation with ultrasound (Case report), 1074
Jugular venous aneurysm in children (Case report), 1082

Contrast media and other drugs

Adverse reactions during intravenous urography: are these due to histamine release?, 5
Iotrolan versus iopamidol for radiculography: a randomized double-blind study (Short communication), 89
Contrast media in cerebral and spinal cord angiography (Correspondence), 174
The management of intussusception, 187
Plasma leukotriene C_4 and reactions to contrast media, 282
A double-blind study comparing the efficiency, tolerance and renal effects of iopromide and iopamidol, 288
Adverse reactions to contrast media: related to medium or procedure? (Short communication), 337
Comparison of the image quality of intravenous urograms using low-osmolar contrast media, 589
Quality of urograms in infants: a comparison of sodium diatrizoate, metrizamide and iohexol, 592
Cervical myelography of nerve root avulsion injuries using water-soluble contrast media, 673
Magnetic resonance imaging of acoustic neuromas: the role of gadolinium-DTPA, 800
Adverse reaction to X-Prep (Case report), 853
Non-ionic contrast agents, red cell aggregation and coagulation (Short communication), 963
Iotrolan versus iopamidol for cervical myelography: a randomized double-blind trial (Short communication), 965
Relapse of osteoporosis circumscripta as a lytic ring after treatment of Paget's disease with intravenous 3-amino-1-hydroxypropylidene-1,1-bisphosphonate, 996
Efficacy of cimetropium bromide as pre-medication for double-contrast barium enema (Short communication), 1087

Apparatus and technical aspects

A quantitative analysis of the spatial relationships of grouped microcalcifications demonstrated on xeromammography in benign and malignant breast disease, 21
Evaluation of the processing functions of a digital subtraction angiography image processor (Technical note), 62
Entrapment of renal calculi by Malecot nephrostomy tubes (Case report), 81
A comparison of diagnostic radiology practice and patient exposure in Britain, France and Italy, 143
Variation in repeat rates between 18 radiological departments (Correspondence), 175
Developer temperature in diagnostic departments (Correspondence), 176
Dynamic monitoring of output on a superficial X-ray set using a solid-sate device (Technical note), 235
Spasm of the deep circumflex artery causing entrapment of a guidewire (Case report), 251
Performance assessment of X-ray image intensified television fluoroscopy systems in New Zealand, 393
The computer enhancement of digital grey-scale fluorographic images, 492
A simple skin marker for magnetic resonance imaging (Technical note), 638
Patient absorbed dose for Philips Tomoscan 350 CT scanner: a repeat study (Technical note), 639
Magnetic resonance imaging of the orbits using a binocular surface coil, 665
Digital subtraction dynamic cavernosography, 679
A simple air mattress for use during prolonged radiological procedures (Technical note), 691
Towards 2000: the radiology business (1987–88 Presidential Address), 794
Film processing for mammography, 939
Image processing of digital chest ionograms, 943
Preliminary investigations in dual-potential digital fluorography of the thorax (Short communication), 969
Magnification of 100 mm spot film (Technical note), 1065
Quality control of mammographic equipment: a 5-year follow-up, 1155

Organisation and statistics

Costing imaging procedures, 54
Variation in repeat rates between 18 radiological departments (Correspondence), 175
Out-of-hours radiology (Correspondence), 175
An analysis of referrals for primary diagnostic abdominal ultrasound to a general X-ray department, 297
The last illness factor: a District experience, 1037
A critical appraisal of "out-of-hours" radiography in a major teaching hospital, 1100

Computed tomography
(*head*)
An opportunity not to be missed (Case of the month), 171
Changes of cerebral air embolism shown by computed tomography (Case report), 252
Three-dimensional computed tomographic reformations of intracranial vascular lesions (Short communication), 258
A fit in a young woman (Case of the month), 335
Computed tomography of pineal region ependymoma (Case report), 953

Computed tomography
(*whole body*)
The value of computed tomography in elephantiasis neuromatosa (Case report), 76
Computed tomographic findings in disseminated paragonimiasis (Case report), 83
The appearance of the inferior thyroid veins on computed tomography, 125
Computed tomography in pulmonary papillomatosis (Case report), 160
Chylolymphatic mesenteric cyst: a diagnostic appearance on computed tomography (Case report), 413
A comparative study of magnetic resonance imaging and computed tomography-assisted myelography in spinal dysraphism, 445
Multiple mystifying melaenas (Case of the month), 521
The value of thoracic computed tomography in the detection of recurrent Hodgkin's disease, 567
Appearances on computed tomography following thoracoplasty for pulmonary tuberculosis, 573
A potential pitfall of pelvic computed tomography, 584
Patient absorbed dose for Philips Tomoscan 350 CT scanner: a repeat study (Technical note), 639
Fibrovascular polyp of the oesophagus: the appearances on computed tomography (Case report), 641
Cause for collapse (Case of the month), 649
The changing mediastinum (Case of the month), 695
Computed tomographic and angiographic findings in renal oncocytoma, 1019
Dynamic contrast enhancement of asbestos-related pulmonary pseudotumours (Case report), 1070

Computed tomography
(*apparatus and technical aspects*)
Deconvolution of emission tomographic data: a clinical evaluation, 221
X-ray microscopy of the breast (Technical note), 401
Ring artefacts in X-ray computed tomography (Correspondence), 529
Dynamic low-dose three-dimensional computed tomography: a preliminary study, 1095
A slice width and focal spot alignment camera for computed tomographic scanners (Technical note), 1175

Interventional radiology
Entrapment of renal calculi by Malecot nephrostomy tubes (Case report), 81
The acute scrotum: a complication of cardiac catheterization (Case report), 162
A technique for the removal of retained balloon bladder catheters (Correspondence), 977
Percutaneous extraction of centrally embolized foreign bodies: a report of 16 cases, 1014
Assessment of angioplasty balloon catheters: preliminary studies, 1026
Fibromuscular dysplasia of the external iliac artery: treatment by percutaneous transluminal angioplasty (Case report), 1080

ULTRASOUND
Clinical aspects
Hypertrophic pyloric stenosis: determination of muscle dimensions by ultrasound, 19
Ultrasonographically defined parenchymal patterns of the breast: relationship to mammographic patterns and other risk factors for breast cancer, 118
Ultrasonographic diagnosis of clinically non-palpable primary colonic neoplasms, 190
Renal artery stenosis: the use of duplex ultrasound as a screening technique, 196
Ultrasonographic appearances of glomus vagale tumour (Case report), 246
An analysis of referrals for primary diagnostic abdominal ultrasound to a general X-ray department, 297
Shades of Richard Asher (Correspondence), 346
Sonomammography in benign breast disease, 374
Ultrasound diagnosis of *Ascaris lumbricoides* in the pancreatic duct: the "four-lines" sign (Case report), 411
Clinical trial of a new adaptive TGC system for ultrasound imaging (Short communication), 523
Duplex Doppler ultrasound in the diagnosis of cavernous transformation of the portal vein, 586
The appearances on ultrasound of the female urethral sphincter, 687
The renal rind sign: a new ultrasound indication of inflammatory disease in the abdomen, 806
Kock pouch urinary diversion: follow-up by ultrasound, 811
Spinal segmentation anomalies: *in utero* diagnosis by ultrasound (Case report), 847
Ultrasound diagnosis of cholangiocarcinoma at the confluence of the hepatic ducts (Klatskin tumours), 987
The ultrasonographic appearances of hilar cholangiocarcinoma (Klatskin tumours), 991
Pre-natal diagnosis of adult polycystic kidney disease (Case report), 1072
The natural history of renal cysts in an infant with tuberous sclerosis: evaluation with ultrasound (Case report), 1074

Apparatus and technical aspects
Pulsed Doppler in the diagnosis of small liver tumours, 898

NUCLEAR MEDICINE
Clinical aspects
Proximal, distal and total stomach emptying of a digestible solid meal in normal subjects, 12
Technetium-99m HMPAO scanning in patients with subarachnoid haemorrhage: a preliminary study, 26
Deconvolution of emission tomographic data: a clinical evaluation, 221
Bone scintigraphy and radiography in the early recognition of diabetic osteopathy, 273
Metastatic tumours detected as cold nodules on the thyroid scan (Case report), 329

The study of regional cerebral blood flow in stroke patients using technetium 99m HMPAO, 358
Regional blood flow in human tumours measured with argon, krypton and xenon, 379
Interpretation of gallium scans using the "negative heart" sign (Correspondence), 424
Threshold subtraction in radionuclide imaging (Correspondence), 425
The measurement of left ventricular function (Correspondence), 425
Emission tomography and the measurement of divided renal function, 426
Radiopharmaceuticals for myocardial infarct imaging: a clinical comparison of $^{99}Tc^{m}$-pyrophosphate and $^{99}Tc^{m}$-dimethylamino-methylene diphosphonate (Short communication), 646
Technetium-99m HMPAO imaging in patients with basal ganglia disease, 914
Microscopic tumour embolism: an unusual cause of ventilation–perfusion mismatch (Case report), 956
Splenic accumulation of technetium 99m in chronic lymphocytic leukaemia (Case report), 957
$^{99}Tc^{m}$-HMPAO single photon emission tomography in the diagnosis of cerebral barotrauma, 1106

Apparatus and technical aspects

Use of a personal computer to measure gamma camera spatial resolution (Technical note), 237
Threshold subtraction in radionuclide imaging (Correspondence), 425

NUCLEAR MAGNETIC RESONANCE

Detection of coronary artery bypass graft patency as assessed by magnetic resonance imaging, 2
In-vivo measurement of spin lattice relaxation time (T_1) of bone marrow in healthy volunteers: the effects of age and sex, 30
In-vivo measurement of spin lattice relaxation time (T_1) of liver in healthy volunteers: the effects of age, sex and oral contraceptive usage, 34
The use of magnetic resonance imaging in the planning of iodine 125 therapy for melanoma of the choroid (Case report), 79
Magnetic resonance imaging of renal transplants: initial experience, 113
Monitoring of bladder neoplasia by low-field magnetic resonance imaging (Short communication), 166
Magnetic resonance imaging of benign ovarian masses, 179
Magnetic resonance imaging: the use of the inversion-recovery sequence to display fetal morphology (Short communication), 338
Magnetic resonance imaging with even-echo rephasing sequences in the assessment and management of giant intracranial aneurysms, 351
A comparative study of magnetic resonance imaging and computed tomography-assisted myelography in spinal dysraphism, 445
Magnetic resonance velocity mapping in aortic dissection, 456
Non-obstructive kidney transplant dysfunction: magnetic resonance evaluation, 473
Magnetic resonance imaging of the parotid glands using inversion-recovery sequences at 0.08 T, 480
Magnetic resonance imaging in non-infective destructive spondyloarthropathy (Case report), 511
Magnetic resonance imaging of the mini-pig heart: the effect of gadolinium-DTPA on normal myocardium, 596
Magnetic resonance image synthesis from an interleaved saturation–recovery/inversion–recovery sequence, 619
A simple skin marker for magnetic resonance imaging (Technical note), 638
Magnetic resonance imaging of the orbits using a binocular surface coil, 665
Magnetic resonance imaging of acoustic neuromas: the role of gadolinium-DTPA, 800
Improvements in snap-shot nuclear magnetic resonance imaging, 822
Magnetic resonance imaging: present status and future perspectives, 889
Fast magnetic resonance imaging of intracerebral metastatic disease, 1002
Magnetic resonance imaging of hypothalamic hamartomas (Case report), 1177

PHYSICS

Applied to radiodiagnosis

A comparison of diagnostic radiology practice and patient exposure in Britain, France and Italy, 143
Dynamic monitoring of output on a superficial X-ray set using a solid-state device (Technical note), 235
The potential of cylindrical co-ordinate three-dimensional surface models (Technical note), 239
The measurement of total filtration of diagnostic X-ray tubes, 388
Performance assessment of X-ray image intensified television fluoroscopy systems in New Zealand, 393
A novel X-ray transmission ionization chamber dosemeter for patient dose measurements in diagnostic radiology, 613
Erbium filtration for dose reduction in dental radiography, 609
A novel X-ray transmission ionization chamber dosemeter for patient dose measurements in diagnostic radiology, 613
Patient activation with a 25 MV therapeutic X-ray beam (Technical note), 843
Quality control of mammographic equipment: a 5-year follow-up, 1155

Applied to radiotherapy

Experimental derivation of β for high-energy photons, 600
A radiographic test object for the LDR Selectron remote afterloading system (Technical note), 637
A technique for image density matching in radiotherapy planning radiographs (Short communication), 697
The Clatterbridge high-energy neutron facility: dosimetry intercomparisons, 921
An analysis of the changes to radiation dose distributions resulting from the use of simulator computed tomography (Technical note), 1063
An afterloading technique suitable for the oral cavity and oropharynx and capable of adaptation for use with remote afterloading units (Technical note), 1067

Applied to nuclear medicine

Use of a personal computer to measure gamma camera spatial resolution (Technical note), 237

Monitoring of surface contamination on sealed sources (Correspondence), 529

RADIOTHERAPY
Results and clinical aspects
Low-dose total-body irradiation (Correspondence), 94
Treatment of choroid metastases, 140
Hypothermic hyperbaric irradiation (Correspondence), 269
Results of fast neutron therapy in advanced head and neck cancer, 301
The effects of radiotherapy on the immune system of patients with nasopharyngeal carcinoma, 305
Early radiotherapy in the treatment of paraquat poisoning (Case report), 405
Palliative radiotherapy in the management of pancreatic carcinoma: combined interstitial and external beam therapy (Case report), 408
The evaluation of high-dose radioiodine therapy in thyrotoxicosis (Correspondence), 423
Malignant melanoma developing in an irradiation field (Case report), 519
Re-irradiation of recurrent head and neck cancer with fast neutrons (Short communication), 527
The 10-year results of a prospective trial of post-operative radiotherapy delivered in 3 fractions per week versus 2 fractions per week in breast carcinoma, 625
Soft-tissue sarcoma: neutrons versus photons for post-operative irradiation, 829
Short-course neutron therapy for advanced head and neck cancer (Short communication), 857
Methotrexate given concurrently with radiotherapy in the treatment of transitional cell carcinoma (Case report), 959
Gynaecological treatments using the Selectron remote afterloading system, 1053
Total body irradiation (Proceedings), 1192

Apparatus and technical aspects
The Clatterbridge high-energy neutron therapy facility: specification and performance, 38
The Clatterbridge high-energy neutron therapy facility: measurements of beam parameters for clinical use, 47
Hypothermic hyperbaric irradiation (Correspondence), 269
Serum thyroglobulin in the investigation of patients presenting with metastases, 317
An iodine-125 plaque for radiotherapy of the eye: manufacture and dosimetric considerations, 835
An afterloading technique suitable for the oral cavity and oropharynx and capable of adaptation for use with remote afterloading units (Technical note), 1067
Biological equivalence between fractionated radiotherapy treatments using the linear-quadratic model (Short communication), 1187
Total body irradiation (Proceedings), 1192

CANCER CHEMOTHERAPY
Cancer: the failure of treatment (Correspondence), 173
Benign intracranial hypertension during chemotherapy for testicular teratoma (Case report), 692
Methotrexate given concurrently with radiotherapy in the treatment of transitional cell carcinoma (Case report), 959
Role of clinical trials in evaluation of cancer therapy (Correspondence), 1089

RADIOBIOLOGY
Applied to radiotherapy
The use of magnetic resonance imaging in the planning of iodine 125 therapy for melanoma of the choroid, 79
A simple graphical method for deriving kinetics of repair from fractionated and protracted irradiations (Short communication), 90
Possible dose rate dependence of recovery kinetics as deduced from a preliminary analysis of the effects of fractionated irradiations at varying dose rates, 153
Predicted allowable doses to normal organs for biologically targeted radiotherapy, 264
The effects of radiotherapy on the immune system of patients with nasopharyngeal carcinoma, 305
Increased ^{252}Cf therapeutic advantage for an advanced murine lymphoma (LSA) growing *in vivo*, 312
Regional blood flow in human tumours measured with argon, krypton and xenon, 379
Cell proliferation in human tumours measured by *in-vivo* labelling with bromodeoxyuridine (Short communication), 419
Mixed schedules for neutron therapy (Correspondence), 423
Lasers: applications in radiology (Proceedings), 660
The linear-quadratic model (Correspondence), 700
OER and RBE for two types of iodine seed (Correspondence), 862
Chemical modification of radiation effects: experimental and clinical (Proceedings), 865
Comment on the recent results of Hopewell, Morris and Dixon-Brown on radiation myelitis produced by irradiation of very short segments of rat spinal cord (Short communication), 967
Volume effect in spinal cord (Correspondence), 973
A review of boron neutron capture therapy (BNCT) and the design and dosimetry of a high-intensity, 24 keV, neutron beam for BNCT research, 1115
The interpretation of dose calculations and cell-survival measurements for the boron neutron capture therapy of brain tumours with 24 keV neutrons, 1147
Biological equivalence between fractionated radiotherapy treatments using the linear-quadratic model (Short communication), 1187

Effects of radiation quality
Flow cytometric evaluation of the effects of 2.3 MeV neutrons and 240 kV X rays on mouse spermatogenic S-phase cells using bromodeoxyuridine incorporation, 133
Induction sister-chromatid exchanges by d(42 MeV)-Be neutrons in unstimulated human-blood lymphocytes, 231
Changes in relative biological effectiveness with depth of the Clatterbridge neutron therapy beam, 1058
A review of boron neutron capture therapy (BNCT) and the design and dosimetry of a high-intensity, 24 keV, neutron beam for BNCT research, 1115
The radiobiology of 24 keV neutrons, 1127
In vitro induction of chromosomal aberrations in human lymphocytes, with and without boron 10, by radiations concerned in boron neutron capture therapy, 1136

Biophysical interpretation of the response of Chinese hamster cells to 24 keV neutrons, 1142
The interpretation of dose calculations and cell-survival measurements for the boron neutron capture therapy of brain tumours with 24 keV neutrons, 1147

Fractionation studies

Possible dose rate dependence of recovery kinetics as deduced from a preliminary analysis of the effects of fractionated irradiations at varying dose rates, 153
Increased ^{252}Cf therapeutic advantage for an advanced murine lymphoma (LSA) growing *in vivo*, 312
Chemical modification of radiation effects: experimental and clincal (Proceedings), 865
The relative biological effectiveness of fractionated doses of fast neutrons (42 MeV{d→Be}) for normal tissues in the pig. I. Effects on the epidermis and dermal vascular/connective tissues, 928

Hyperthermia and irradiation

Determination of human skin pain threshold using 27 MHz radiofrequency heating (Correspondence), 344

Sensitizers and protectors

Differential radioprotection of bone marrow and tumour cells by zinc aspartate, 501
Radiosensitizer–DNA interations (Correspondence), 860
Antagonism between radiosensitizing agents (Correspondence), 975

Other studies

Extending the range of sensitivity for detecting DNA strand breaks (Technical note), 69
Biological dosimetry at the tissue-barium sulphate interface: a jejunal crypt survival assay (Short communication), 169
Cancer: the failure of treatment (Correspondence), 173
Changes in the cell kinetics of pig epidermis after single doses of X rays, 205
Radiation-induced outgrowth inhibition in explant cultures from surgical specimens of five human organs, 226
The calculation of absorbed doses for radiobiological studies involving the use of small irradiation fields (Short communication), 261
The effect of radiation on the growth of normal and malignant human oesophageal explant cultures pre-treated with bleomycin, 383
Cell proliferation in human tumours measured by *in-vivo* labelling with bromodeoxyuridine (Case report), 419
Animals (Scientific Procedures) Act 1986 and the use of animals in scientific investigations (Editorial), 793
Alterations in the length of jejunal villi in mice irradiated with graded doses of X rays, 839
Breathing conditions for animals in radiobiological experiments (Correspondence), 863
Comment on the recent results of Hopewell, Morris and Dixon-Brown on radiation myelitis produced by irradiation of very short segments of rat spinal cord (Short communication), 967
Volume effect in spinal cord (Correspondence), 973
Radiation-induced changes in mouse duodenal papilla, 1039
Time- and dose-related changes in the white matter of the rat brain after single doses of X rays, 1043
Reduction of tumour bed effect after angiogenic stimulation, 1168

HYPERTHERMIA

Hyperthermia and AIDS treatment (Correspondence), 862

HAZARDS AND RADIATION PROTECTION

Lead thickness in shielding in the protection of radiodiagnostic staff, 128
A comparison of diagnostic radiology practice and patient exposure in Britain, France and Italy, 143
Safety of gamma camera flood sources (Correspondence), 174
Ocular lens dose in cerebral vascular imaging, 202
Estimated radiation doses to different organs among patients treated for ankylosing spondylitis with a single course of X rays, 212
Predicted allowable doses to normal organs for biologically targeted radiotherapy (Correspondence), 264
Increased risk of cataract in patients receiving radiotherapy to the eye: a pilot study, 309
Recommended position for wearing of personal dosemeters. *Statement by the British Institute of Radiology*, 349
Radiological awareness of current recommendations on prophylaxis of infective endocarditis, 366
The evaluation of high-dose radioiodine therapy in thyrotoxicosis (Correspondence), 423
Differential radioprotection of bone marrow and tumour cells by zinc aspartate, 501
Malignant melanoma developing in an irradiation field (Case report), 519
Erbium filtration for dose reduction in dental radiography, 609
A novel X-ray transmission ionization chamber dosemeter for patient dose measurements in diagnostic radiology, 613
Does it pay to be optimistic? (Short communication), 1189

LECTURES AND ADDRESSES

Towards 2000: the radiology business (1987–88 Presidential Address), 794

EDUCATION

Blindingly obvious (Case of the month), 87
An opportunity not to be missed (Case of the month), 171
The dry tap (Case of the month), 267
A fit in a young woman (Case of the month), 335
The dyspeptic disco dancer (Case of the month), 417
Multiple mystifying melaenas (Case of the month), 521
Cause for collapse (Case of the month), 649
The changing mediastinum (Case of the month), 695
The expanding infant (Case of the month), 855
A hole in the humeral head (Case of the month), 961
A geriatric plum (Case of the month), 1085
A. E. Barclay and angiographic research in Oxford, 1110
The aortic pole (Case of the month), 1185

PROCEEDINGS

Imaging in dementia, October 15, 1987, 428

Symposium Mammographicum '87, September 3–4, 1987, 430
British Medical Ultrasound Society, 19th Annual Meeting, December 8–10,1987, 531
Imaging in radiotherapy, May 15, 1987, 560
New radiopharmaceuticals and their clinical applications, November 27, 1987, 655
Lasers: applications in radiology, January 14, 1988, 660
Radiology '88, Glasgow, May 23–25, 1988, 708
Chemical modification of radiation effects: experimental and clinical, November 13, 1987, 865
Clinical usefulness of nuclear medicine image processing, February 9, 1988, 869
Functional insights from magnetic resonance, February 17, 1988, 873
Radiobiology work in progress, February 19, 1988, 877
Total body irradiation, April 22, 1988, 1192

OBITUARIES

W. V. Mayneord, 1093
B. E. Keane, B54
E. D. Gray, B75

AWARDS

BIR Awards 1988, B23, B37

BOOK REVIEWS

Ackery, D. and Batty, V. (Eds). *Nuclear medicine in oncology. Clinics in oncology, Vol 5, No. 1.*, 442
Ansell, G. and Wilkins, R. A. (Eds). *Complications in diagnostic imaging*, 882
Attix, F. H. *Introduction to radiological physics and radiation dosimetry*, 883
Ballance, P. E., Day, L. R. and Morgan, J. *Phosphorus 32: practical radiation protection. Occupational hygiene monograph no. 16.*, 885
Barber, C. R. (Ed.). *Half a century of social medicine. An annotated bibliography of the work of Alice M. Stewart*, 984
Bentley, H. B. (Ed.). *Textbook of radiographic science*, 348
Berland, L. L. *Practical CT technology and techniques*, 980
Bischof-Delaloye, A. and Blaufox, M. D. (Eds). *Radionuclides in nephrology*, 564
Bismuth, H. and Castaing, D. *Operative ultrasound of the liver and biliary ducts*, 1091
Bleehen, N. M. (Ed.). *Investigational techniques in oncology*, 443
Bleehen, N. M. (Ed.). *Radiobiology in radiotherapy*, 1201
Bonavida, B. and Collier, R. J. (Eds). *Membrane-mediated cytotoxicity. UCLA symposia on molecular and cellular biology, new series, Vol. 45*, 887
Bonneville, J.-F. (Ed.). *Focus on chemonucleolysis*, 102
Bonneville, J.-F., Cattin, F. and Dietemann, J.-L. *Computed tomography of the pituitary gland*, 99
Bontrager, K. L. and Anthony, B. T. *Textbook of radiographic positioning and related anatomy, 2nd edn*, 662
Bragg, D. G. (Ed.). *1987 Year book of diagnostic radiology*, 98
Britton, K. E. *Cancer surveys. Advances and prospects in clinical epidemiological and laboratory oncology. Vol. 6, no. 2. New approaches to tumour identification*, 985
Bryan, G. J. *Diagnostic radiography. A concise practical manual*, 979
Buorjat, P. *Radiology of the hand*, 270
Chandra, R. *Introductory physics of nuclear medicine*, 792
Chen, J. T. T. *Essentials of cardiac roentgenology*, 99
Cooke, J., Hansell, D. M. and Parsons, C. *Self-assessment in radiology and imaging: 3. Mammography*, 888
Crozier, A., Finlay, D. and Paciorek, P. *Multiple-choice questions in radiodiagnosis*, 1200
Dendy, P. P. and Heaton, B. *Physics for radiologists*, 791
Dooley, J., Dick, R., Viamonte Jr, M. and Sherlock, S. (Eds). *Imaging in hepatobiliary disease*, 1199
Dowie, R. *Postgraduate medical education and training: the system in England and Wales*, 566
Eisenbud, M. *Environmental radioactivity from natural, industrial and military sources, 3rd edn*, 884
Elliott, J. A. and Cowan, M. D. *Exercises in chest X-ray diagnosis*, 565
Farhataziz and Rodgers, M. A. J. (Eds). *Radiation chemistry. Principles and applications*, 884
Felman, A. H. *Radiology of the pediatric chest*, 565
Field, S. B. and Franconi, C. (Eds). *Physics and technology of hyperthermia*, 887
Forrester, D. M. and Brown, J. C. *The radiology of joint disease, 3rd edn*, 663
Freedman, L. M. and Weissman, H. S. (Eds). *Nuclear medicine annual, 1987*, 1092
Friedman, A. C. (Ed.). *Radiology of the liver, biliary tract, pancreas and spleen*, 1199
Gale, R. P. and Golde, D. W. (Eds). *Recent advances in leukaemia and lymphoma*, 1200
Gaucher, A. and Péré, P. *Les fractures de contrainte*, 100
Gedgaudas-McClees, R. K. (Ed.). *Handbook of gastrointestinal imaging*, 563
Gerber, G. B., Metivier, H. and Smith, H. (Eds). *Age-related factors in radionuclide metabolism and dosimetry. (Developments in nuclear medicine)*, 1091
Goddard, P. R. *Diagnostic radiology exercises for the MRCP, FRCS, MRCOG & DMRD*, 981
Goldman, M. and Cope, D. (Eds). *A radiographic index, 8th edn*, 881
Graf, R. *Guide to sonography of the infant hip*, 980
Graf, R. and Schuler, P. *Sonography of the infant hip: an atlas*, 100
Griffiths, H. J. *Basic bone radiology, 2nd edn*, 271
Grossman, Z. D., Chew, F. S., Ellis, D. A. and Brigham, S. C. *The clinician's guide to diagnostic imaging. Cost-effective pathways, 2nd edn*, 98
Guyer, P. B. and Dewbury, K. C. *Sonomammography: an atlas of comparative breast ultrasound*, 979
Guzzardi, R. *Physics and engineering of medical imaging*, 347
Halbert, J. C. *Nuclear medicine therapy*, 1091
Hall, E. J. *Radiobiology for the radiologist*, 982
Haywood, J. K. (Ed.). *Chernobyl: response of medical physics departments in the United Kingdom. Report No. 50*, 101
Heiss, W.-D., Pawlik, G., Herholz, K. and Weinhard, K. (Eds). *Clinical efficacy of positron emission tomography*, 883
Heller, R. M., Kirchner, S. G., Horev, G. and Squire, L. F. *Exercises in diagnostic radiology: 5. Paediatrics, 2nd edn*, 790
Heuck, F. H. W. and Donner, M. W. (Eds). *Radiology today 4*, 1200

Hladik, W. B. III, Saha, G. B. and Study, K. T. (Eds). *Essentials of nuclear medicine science*, 442
Hobbie, R. K. (Ed.). *Medical physics selected reprints*, 347
Hoffer, P. B. (Ed.). *1987 Year book of nuclear medicine*, 563
Holm, T., Palmer, P. E. S. and Lehtinen, E. *Manual of radiographic technique. WHO basic radiological system*, 270
Hoogstraten, B. (Ed.). *Hematologic malignancies*, 443
Hopke, P. K. (Ed.). *Radon and its decay products. Occurrence, properties and health effects*, 984
IAEA. *Summary report on the post-accident review meeting on the Chernobyl accident. Safety Series No. 75-INSAG-1*, 101
IAEA. *Radiotherapy in developing countries. Proceedings of a symposium, September 1–5, 1986, Vienna*, 102
ICRU. *The quality factor in radiation protection, ICRU Report 40*, 177
Jacobs, C. (Ed.). *Cancers of the head and neck*, 664
Johnsrude, I. S., Jackson, D. C. and Dunnick, N. R. *A practical approach to angiography, 2nd edn*, 1197
Joshi, P. and Freed, C. *Exercises in radiological diagnosis*, 348
Kadir, S. *Diagnostic angiography*, 1197
Kallman, R. F. (Ed.). *Rodent tumor models in experimental cancer therapy*, 886
Kärcher, K. H., Kogelnik, H. D. and Szepesi, T. (Eds). *Progress in radio-oncology III. Proceedings of the 3rd meeting on progress in radio-oncology, Vienna, 1985*, 1201
Kathren, R. L. *Radiation protection. Medical Physics Handbooks 16*, 986
Kaufmann, H. J. (Ed.). *Contrast media in pediatric radiology*, 663
Kelvin, F. M. and Gardiner, R. *Clinical imaging of the colon and rectum*, 178
Kempczinski, R. F. and Yao, J. S. T. *Practical noninvasive vascular diagnosis, 2nd edn*, 662
Kleinman, P. K. *Diagnostic imaging of child abuse*, 791
Korach, G. and Vignaud, J. *Manuel de techniques radiographiques et tomodensitométriques du crâne, 3rd edn*, 881
Kowalsky, R. J. and Perry, J. R. *Radiopharmaceuticals in nuclear medicine practice*, 1202
Kressel, H. Y. (Ed.). *Magnetic resonance annual 1987*, 97
Lakey, J. R. A. and Lewins, J. D. (Eds). *ALARA: principles, practice and consequences*, 566
L'Annunziata, M. F. *Radionuclide tracers: their detection and measurement*, 792
Lasjaunias, P. and Berenstein, A. *Surgical neuroangiography 1. Functional anatomy of craniofacial arteries*, 790
Lasjaunias, P. and Berenstein, A. *Surgical neuroangiography 2. Endovascular treatment of craniofacial lesions*, 790
Levy, R. C., Hawkins, H. and Barsan, W. G. *Radiology in emergency medicine*, 98
Lierse, W. *Applied anatomy of the pelvis*, 442
Margulis, A. R. and Gooding, C. A. (Eds). *Diagnostic radiology 1987*, 563
McCarthy, S. and Haseltine, F. *Magnetic resonance of the reproductive system*, 97
Mendelson, R. M. and Whitehouse, G. H.. *Self-assessment in diagnostic radiology*, 1200
Mettler, F. A. Jr., Muroff, L. R. and Kulkarni, M. V. *Magnetic resonance imaging and spectroscopy*, 97
Mittelstaedt, C. A. *Abdominal ultrasound*, 441
Mizer, S., Rodgers Scheller, R. and Deye, J. A. *Radiation therapy simulation workbook*, 177
Monfardini, S., Brunner, K., Crowther, D., Eckhardt, S., Olive, D., Tanneberger, S., Veronesi A., Whitehouse, J. M. A. and Wittes, R. (Eds). *Manual of adult and paediatric medical oncology*, 664
NCRP. *Radiation alarms and access control systems. NCRP Report No. 88*, 272
NCRP. *Recommendations on limits for exposure to ionizing radiation. NCRP report no. 91*, 983
NCRP. *Use of bioassay procedures for assessment of internal radionuclide deposition. NCRP Report no. 87*, 985
Noble, J. and Galasko, C. S. B. *Recent developments in orthopaedic surgery*, 980
Nori, D. and B. S. Hilaris (Eds). *Radiation therapy of gynecological cancer*, 444
Odwin, C. S., Dubinski, T. and Fleischer, A. C. *Ultrasonography: examination review and study guide*, 790
Ogden, J. A. *Pocket guide to pediatric fractures*, 1196
Oldham, R. K. (Ed.). *Principles of cancer biotherapy*, 1092
Papatheofanis, F. J. *Volume 12: Bioelectromagnetics: biophysical principles in medicine and biology*, 888
Park, W. M. and Hughes, S. P. F. (Eds). *Orthopaedic radiology*, 1196
Pavlov, H. and Torg, J. S. *The running athlete: roentgenograms and remedies*, 1196
Pérez, J. E. *Doppler echocardiography: a case studies approach*, 979
Perry, J. A. *RPL dosimetry. Radiophotoluminescence in health physics*, 1202
Pierquin, B., Wilson, J. F. and Chassagne, D. *Modern brachytherapy*, 982
Plets, C., Baert, A. L., Nijs, G. L. and Wilms, G. *Computer tomographic imaging and anatomic correlation of the human brain*, 662
Pohost, G. M., Higgins, C. B., Morganroth, J., Ritchie, J. L. and Schelbert, H. R. (Eds). *New concepts in cardiac imaging 1987*, 99
Rakofsky, M. *Fractional arthrography of the shoulder*, 1196
Reuter, S. R., Redman, H. C. and Cho, K. J. *Gastrointestinal angiography, Vol. 1, 3rd edn*, 177
Riehle, R. A. Jr. *Principles of extracorporeal shock wave lithotripsy*, 564
Roelandt, J. (Ed.). *Colour Doppler flow imaging and other advances in Doppler echocardiography*, 1198
Roelandt, J. (Ed.). *Digital techniques in echocardiography*, 1198
Rosenberger, A., Adler, O. B. and Troupin, R. H. *Trauma imaging in the thorax and abdomen*, 882
Runge, M. *Bones and joints. Exercises in radiological diagnosis*, 882
Sarti, D. A. *Diagnostic ultrasound: text and cases, 2nd edn*, 441
Shaw, D. *Fourier transform NMR spectroscopy, 2nd edn*, 887
Skolnick, M. L. *Guide to the ultrasound examination of the abdomen*, 441
Skucas, J. and Spataro, R. F. *Radiology of the acute abdomen*, 563

Slesin, L. and Rosenberg, A. *NMR imaging health and safety: an annotated bibliography*, 565
Spirt, B. A., Gordon, L. P. and Oliphant, M. *Prenatal ultrasound: a colour atlas with anatomic and pathologic correlation*, 883
Stoll, B. (Ed.). *Coping with cancer stress*, 444
Streffer, C. (Ed.). *Recent results in cancer research. Hyperthermia and the therapy of malignant tumours*, 1092
Sundt, T. M. Jr. *Occlusive cerebrovascular disease: diagnosis and surgical management*, 981
Sutton, D. (Ed.). *A textbook of radiology and imaging*, 348
Tannock, I. F. and Hill, R. P. *The basic science of oncology*, 983
Tetti, A. and Tetti, C. *Compendio di isterosalpingografia*, 100
Thames, H. D. and Hendry, J. M. *Fractionation in radiotherapy*, 983
Thorne, M. C. (Ed.). *Annals of the ICRP, Publication no. 49. Developmental effects of the irradiation of the brain of the embryo and fetus*, 1202
Topol, E. J. (Ed.). *Acute coronary intervention*, 1197
United Nations Environment Programme. *Radiation: doses, effects, risks*, 272
Veiga-Pires, J. A. and Grainger, R. G. (Eds). *Pioneers in angiography. The Portuguese school of angiography, 2nd edn*, 271
Vignaud, J., Jardin, C. and Rosen, L. *The ear: diagnostic imaging. CT scanner, tomography and magnetic resonance*, 981
von Sonntag, C. *The chemical basis of radiation biology*, 884
Weill, F. S., Bihr, E., Rohmer, P. and Zeltner, F. *Renal sonography, 2nd edn*, 564
Weinreb, J. C. and Redman, H. C. *Advanced exercises in diagnostic radiology 18: Magnetic resonance imaging of the body*, 882
WHO Environmental Health Criteria 69. *Magnetic fields*, 985
Wilks, R. *Principles of radiological physics*, 984
Williams, A. G. and Eckel, C. G. (Eds). *Practical computer applications in radionuclide imaging. Contemporary issues in nuclear imaging, Vol. 3*, 271
Young, J. W. R. and Burgess, A. R. *Radiologic management of pelvic ring fractures. Systemic radiographic diagnosis*, 881